



Key Stage 5

Learning Journey



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Curriculum Model – periods per 2-week timetable cycle

	Option A	Option B	Option C	Enrichment	Personal Developme	EPQ	Study	Free
Year 12	8	8	8	1	1	2	20	2
Year 13	8	8	8	1	1	2	20	2

Curriculum intent – everything that happens before the teaching

Lady Lumley's curriculum is a progression model and:

- Is broad, balanced, challenging and accessible to all students. It meets in full the demands of the national curriculum and celebrates the integrity of individual subjects.
- Is ambitious, informed by research and designed and adapted to provide opportunities which promote high academic achievement for all students.
- Is coherently planned and sequenced both vertically and horizontally to ensure students gain powerful knowledge, skills and qualities across a range of subjects to equip our students for the next stage in their education, training or employment.
- Takes account of our local context and prepare students for global, national and local labour markets
- Raise awareness of cultural diversity and ensure students develop a deep understanding of and respect for differences ensuring all our students are and feel safe.
- Ensures an enriched learning journey is embedded, ambitious, progressive and celebrated within every subject area which gives students the knowledge and cultural capital they need to succeed in life.
- Equips all students with the vocabulary, language skills and a love of reading in order to develop a lifelong passion for learning which enables them to be integral and empowered global citizens.
- Provides a range of leadership opportunities which help prepare students to be leaders of the future and encourage them to make a meaningful and lasting contribution to life both within the school and the wider community.



Art and Photography at Lady Lumley's

A Level Fine Art

Fine Art at Key Stage 5 allows students greater decisions in the direction of their artwork from agreed starting points. Students can use a wide range of approaches and varied drawing, painting and photographic approaches to explore and respond to their chosen areas of study. Students build upon their previous experiences and are challenged to research their influences in depth so that contextual influences are understood within the history of art and culture. In Year 13, an extended piece of writing of between 1000 to 3000 words will be produced alongside a practical portfolio. This coursework will amount to 60% of an overall mark and the rest of the marks will come from an externally set starting point project. Alongside their timetabled lessons, students have the freedom to continue their art in a dedicated sixth form art room and can access resources independently.

A Level Photography

Photography at Key Stage 5 also allows students greater decisions in the direction of their creative endeavours. Traditional, digital and experimental photography is explored, and students are encouraged to refine their chosen areas of expertise. Students build upon their previous visual experiences and are challenged to research their influences in depth so that contextual influences are understood within the history of photography and art. In Year 13, an extended piece of writing of between 1000 to 3000 words will be produced alongside a practical photography portfolio. This coursework will amount to 60% of an overall mark and the rest of the marks will come from an externally set starting point project. Alongside their timetabled lessons, students have the freedom to continue their photography responses and presentation in a dedicated sixth form art and photography room where photo shoots can be staged.

A Level Fine Art and Photography Specification:

https://www.eduqas.co.uk/qualifications/art-and-design-as-a-level/#tab_overview

Enrichment

We also run a Key Stage 5 art and photography trip depending on which exhibitions are being shown. These have been to Glasgow and Edinburgh, Liverpool, to the Tate and Walker galleries, as well as Newcastle to the Baltic and Laing galleries.

Useful Links:

<https://www.tate.org.uk/kids>

<https://www.bbc.co.uk/bitesize/levels/z4kw2hv>

<https://www.studentartguide.com/>



Computing at Lady Lumley's

A Level Computing

Students study this course over the 2 years and are examined at the end of Year 13. Computer Science is becoming an ever-increasingly important subject as the world develops and becomes more technological. The Computer Science course is a practical subject that allows students to use the knowledge and skills they learn in the classroom on real-world problems. Not only does the course deal with practical problems, but it also allows students to be creative and inventive in the classroom. This is an ever developing and modern qualification that is becoming more important for students as time progresses. The course is simple and intuitive that offers flexibility and easily understood requirements. Students gain a deep understanding of computers and programming alike.

The 3 components studied are:

Component 1: Computer systems - Students are introduced to the internal workings of the (CPU), data exchange, software development, data types and legal and ethical issues

Component 2: Algorithms and programming - This builds on component 1 to include computational thinking and problem-solving

Component 3: Programming project - Students are expected to apply the principles of computational thinking to a practical coding programming project. They will analyse, design, develop, test, evaluate and document a program written in a suitable programming language. The project is designed to be independently chosen by the student and provides them with the flexibility to investigate projects within the diverse field of computer science. We support a wide and diverse range of languages.

A Level Computer Science Specification:

[AS and A Level - Computer Science - H046, H446 \(from 2015\) - OCR](#)

Enrichment

Students currently have the option of attending music technology club which allows them to explore a different side of computers that is heavily centred around music and modern music creating software. As well as this, in the future there will be additional clubs to attend such as Coding Club where students are able to learn about coding programs or improve on their current knowledge through different activities and tasks.

Useful Links:

https://isaacomputerscience.org/topics/a_level?examBoard=all&stage=all#all



Design and Technology at Lady Lumley's

A Level Design and Technology

Product Design is an exciting opportunity to continue your studies in Design and Technology. In addition to further improving your skills in designing and making, this A-level will extend student's knowledge of materials and the design process and give them a greater understanding of the role and responsibility of the designer in the real world. This creative and thought-provoking qualification gives students the practical skills, theoretical knowledge and confidence to succeed in a number of careers. Especially those in the creative industries.

Students will gain a real understanding of what it means to be a designer, alongside the knowledge and skills sought by higher education and employers. Year 12 will involve a number of mini projects to build on previous skills and knowledge learnt at GCSE alongside the theoretical knowledge needed for both exams at the end of Year 13. After February half term of Year 12, students will start their NEA project which is worth 50% of their overall grade. They will research into a context of their choosing and design, develop and make a prototype linked to a problem they have identified.

Over the 2 year course students will cover topics which include; materials and their applications, modern and industrial scales of practice, digital design and manufacture, health and safety, protecting designs and intellectual property, design for manufacturing, enterprise and marketing in the development of products, design communication, methods and processes, technology and cultural changes, critical analysis and evaluation, equipment and processes, design for manufacture and project management and national and international standards in product design.

A Level Design and Technology Specification:

<https://www.aqa.org.uk/subjects/design-and-technology/a-level/design-and-technology-7562/specification>

Enrichment

KS5 students can enjoy a calm and productive atmosphere on Mondays after school at study+

Useful Links:

<https://www.vam.ac.uk/>



Drama at Lady Lumley's

A Level Drama and Theatre

Students study a range of texts, exploring a number of theatrical styles, practitioners and / or theatre companies. The course is an academic subject taught through a practical approach. Students can choose to work as actors or designers in Components 2 and 3.

Component 1: Drama & Theatre

Section A: Set Text - Drama Through the Ages. Section A explores a pre-twentieth century text, students have a choice from two questions where they demonstrate their knowledge of the play as a whole, writing as an actor, director or designer. Our current text is Antigone.

Section B: Set Text- 20th and 21st Century Drama. In Section B, students are given an extract from the text and three questions - one writing as an actor, one as a director and one as a designer. Our current text is Yerma.

Section C: Live Theatre analysis. In Section C, there is a choice from four questions. We will spend time during the course watching a variety of live performances, giving students choice as to the production they will focus on in the exam. Most recently we have seen Blood Brothers, The Curious Incident of the Dog in the Night-time and Teachers Reunion 2022.

Component 2 - Students devise their own play from a stimulus of their choice. They work in a specific theatrical style or influenced by a director or theatre company. Students can work as actors or designers.

Component 3 - Practical exploration and interpretation of three script extracts. Students work on three extracts from different plays, two of these are 'workshop performances' but Extract Three is a polished performance in the style of a recognised style, director or theatre company. Past Extract Three plays include Metamorphosis, The Trial, The Crucible, The Glass Menagerie and Chaos. Again, students can work as actors or designers.

A Level Drama and Theatre

<https://www.aqa.org.uk/subjects/drama/a-level/drama-7262/specification>

Enrichment

There are many opportunities for students to get involved in extra-curricular drama. Whole school production / musical production, fear in the Forest- Halloween event at Dalby Forest, Drama Club, House Drama, Year 5/6 Transition Project, The Young Americans, Live Theatre Visits including a Drama residential to London.

Useful Links:

[Get Into Theatre](#)

<https://www.nationaltheatre.org.uk/>

<https://www.punchdrunk.com/>

<https://www.franticassembly.co.uk/>

<https://www.thestage.co.uk/>



English at Lady Lumley's

A Level English Literature

At Lady Lumley's, our A-level offer for literature provides a wide-ranging programme of study covering the key areas of academic investigation and research in literature: poetry, prose, and drama, from early-modern theatre, via the significant poets of the 17th to the 21st Centuries, to contemporary novels and drama. Students are provided with the skills to be able to widen their independent study and research across an increasingly diverse field of critical theories and literary debate.

The A-level is assessed in a combination of three essay-based written exams and a non-examined independently researched literary essay (NEA). As with GCSE, our examination board is Eduqas, and their website provides useful overviews, suggestions for academic approaches to literary study, and links to wider reading and support materials.

A Level English Language

The A-level language offer is based upon an introduction to the academic study of linguistics where students will have the opportunity to engage with language origins and development; how language use interacts with society and social studies; and the dynamic, ever-changing nature of language and communication in the fast-paced world of social media and other forms of electronic and other interactive media.

Assessment for the A-level English Language qualification is via a combination of three exam-based components and an independent creative research-based essay (NEA). The featured components are: (i) Language Concepts and Issues (ii) Language Change Over Time (iii) Creative and Critical Use of Language (iv) Language and Identity (NEA).

Useful Links

A Level Literature Specification:

https://www.eduqas.co.uk/qualifications/english-literature-as-a-level/#tab_overview

A Level Language Specification:

https://www.eduqas.co.uk/qualifications/english-language-as-a-level/#tab_overview



Extended Project Qualification at Lady Lumley's

The Extended Project Qualification is an A-level standard, standalone qualification designed to extend and develop students' abilities beyond the A-level syllabus and prepare for university or their future career. The EPQ develops and extends from one or more of the student's study areas and/or from an area of personal interest or activity outside their main programme of study. It is based on a topic chosen by the student.

The **AQA EPQ** provides an opportunity for students to extend their abilities beyond their sixth form course of study, stand out and prepare for university or their future career. The final project can take one of two formats: a written report or an artefact with written report.

Delivery of the Extended Project Qualification involves some teaching of the necessary skills, supervision and assessment of the student's progress. It involves extended autonomous work by the student. Students are required, with appropriate supervision, to:

- choose an area of interest
- draft a title and aims of the project
- plan, research and carry out the project
- deliver a presentation to a non-specialist audience
- provide evidence of all stages of project development and production for assessment

The EPQ's value:

- It can be taken as an extension of other Level 3 qualifications or vocational qualifications
- It is worth half an A-level in terms of UCAS points
- It is recognised by universities and employers
- It can lead to lower offers from some universities

The AQA EPQ specification - <https://www.aqa.org.uk/subjects/projects/level-three/projects-7993/specification>



Food Science and Nutrition at Lady Lumley's

Level 3 Food Science and Nutrition

The Level 3 food science and nutrition qualification is an exciting and interesting opportunity to continue studies in food and nutrition. In addition to further improving skills in designing and making, this qualification will extend students understanding of the science of food, nutrition and nutritional needs in a wide range of contexts.

Students will use creative thinking skills to produce dishes demonstrating flair and sophistication relating to specific briefs. Not only will this develop experience of a key life skill, but it will also further apply nutritional knowledge learnt at GCSE, to different situations and dietary requirements.

The food industry is constantly developing, and this subject enables students to expand their understanding of this in relation to nutrition, diets and the impact of external factors such as exercise, age and the industry. The learning will be done through on-going practical sessions to support theoretical knowledge, as well as producing high quality food items. Food safety is paramount when taking part in practical activities and as part of this students will take a Level 2 hygiene and safety qualification to support their learning.

Throughout this course students will develop a deeper understanding of the functions of food and the impact it has on the body as well as the current issues in the food and nutrition industry today.

Level 3 Food and Nutrition Specification:

[Level 3 Food Science and Nutrition \(wjec.co.uk\)](http://wjec.co.uk)

Enrichment

KS5 Students organise a pop-up restaurant twice a year. They design and engineer the menus, promote the event and sell tickets to raise money for the school food bank.

Useful links:

WJEC Educational Resources Website



Geography at Lady Lumley's

A Level Geography

Geography A level is designed to challenge student perceptions and to encourage them to develop investigative and critical thinking skills. The units taught in Year 12 include changing places, coasts and hazards.

Hazards - This topic focuses on the lithosphere and the atmosphere, which intermittently but regularly present natural hazards to human populations, often in dramatic and sometimes catastrophic fashion.

Coasts - This section of our specification focuses on coastal zones, which are dynamic environments in which landscapes develop by the interaction of winds, waves, currents and terrestrial and marine sediments. The operation and outcomes of fundamental geomorphological processes and their association with distinctive landscapes.

Changing places - Designed to explore the relationships between key aspects of physical geography and population numbers, population health and well-being, levels of economic development and the role and impact of the natural environment.

In the second year of the course, students will study population and environment, globalisation and water and carbon units.

Water and carbon - Focuses on the major stores of water and carbon at or near the Earth's surface and the dynamic cyclical relationships associated with them. These are major elements in the natural environment and understanding them is fundamental to many aspects of physical geography

Globalisation and global system - Looks at the economic, political and social changes associated with technological and other driving forces which have been a key feature of global economy and society in recent decades.

Population and the environment - Designed to explore the relationships between key aspects of physical geography and population numbers, population health and well-being, levels of economic development and the role and impact of the natural environment

A Level Geography Specification:

<https://www.aqa.org.uk/subjects/geography/as-and-a-level/geography-7037>

Enrichment

Fieldwork is viewed by the department as an essential part of the geography course. Therefore, fieldwork is integrated into the curriculum for every year group. Year 12 visit coastal environments and Year 13 enjoy a residential field trip to the Lake District.

We also regularly enter competitions run by the Royal Geographical Association.

Useful links:

<https://www.ordnancesurvey.co.uk/mapzone/>

<https://geography.org.uk/>



Health and Social Care at Lady Lumley's

Level 3 BTEC Health and Social Care

This course is for learners who are interested in learning about the health and social care sector and supports access to a range of higher education courses possibly, but not exclusively, in health and social care. The nature of the course is that theoretical learning is applied to case studies and individuals from a diverse range of backgrounds and with a range of health and social care needs. The qualification incorporates topics relevant across the health and social care sector:

Human Lifespan Development – Students learn about patterns physical, intellectual, emotional and social growth and development throughout each of the life stages. They will examine concepts such as fine and gross motor skills, bonding and attachment, esteem, and a range of factors that impact on growth and development.

Working in Health and Social Care – This unit introduces students to a range of roles and organisations in the health and social care sector and the responsibilities they have to meet the needs of their service users. Students will examine a range of concepts, legislation and working practices including anti-discrimination, and health and safety and the regulation of health and social care services. They will be required to apply this learning to people with specific needs.

Meeting Individual Care and Support Needs – Students are required to produce a portfolio based on case studies explaining how the needs of the individuals are met by health and social care services. They will apply concepts including equality and diversity, empathy and trust, ethical issues, communication, and confidentiality to evaluate the effectiveness of the care they receive.

Physiological Disorders and their Care – Students examine two physiological disorders, the cause and effects of each disorder and their diagnosis and treatment. Students create a portfolio which includes a write up of their research and an individual treatment plan for one of the disorders. Students will examine a range of treatment and support including, surgery, rehabilitation and complementary therapies.

Level 3 BTec Health and Social Care Specification:

[BTEC Nationals | Health and Social Care \(2016\) | Pearson qualifications](#)

Enrichment activities

OpenLearn courses, news articles and appropriate documentaries, first aid skills. Students are advised to consider work experience or voluntary opportunities in appropriate settings.

Useful Links

[BTEC National Health and Social Care Revision Workbook \(pearsonschoolsandfecolleges.co.uk\)](#)



History at Lady Lumley's

A Level History

This course is divided into four topics. There are 3 examined topics and a topic-based essay.

Topic 1: British period study and enquiry – **England 1485-1558: The Early Tudors**. This course builds on knowledge gained at GCSE and looks at the Tudor monarchs; Henry VII, Henry VIII and also includes a source-based enquiry on Edward VI and Mary I.

Topic 2: Non-British period study – **Democracy and dictatorships in Germany 1919—1963**. This topic looks at the changes in German governance from the end of the First World War to the building of the Berlin Wall. This includes Weimar Germany, the establishment of the Nazi dictatorship and the division of Germany after 1945.

Topic 3: Thematic study and historical interpretation - **Civil Rights in the USA 1865—1992**. This is a wide-ranging study of the struggle for civil rights in the US and explores change and continuity for women, Native Americans, African Americans and workers across this period.

Topic 4: Topic-based essay – this is a 3,000 to 4,000 word essay which students research and write with support from their teachers.

A Level History Specification:

<https://www.ocr.org.uk/qualifications/as-and-a-level/history-a-h105-h505-from-2015/specification-at-a-glance/>

Useful Links

[AS and A Level - History A - H105, H505 \(from 2015\) - OCR](#)



Languages at Lady Lumley's

A Level French

Our A-level course is a two year course following the AQA syllabus and is assessed at the end of Year 13. Students continue to develop and deepen their communication skills, their understanding of grammatical structures, and culture and lifestyle in the French-speaking world.

In Year 12, they will study topics about changes in family life, Internet usage, volunteering, the importance of cultural heritage, music and cinema.

In Year 13 they will study topics about diversity, young people and their involvement in politics, the role of protests and strikes in French society, attitudes to crime and issues surrounding immigration and politics. They will also study a film – 'La Haine' by Mathieu Kassowitz, and a novel: 'L'Etranger' by Albert Camus.

A Level French Specification:

<https://www.aqa.org.uk/subjects/french/a-level/french-7652/specification>

A Level German

Our A-level course is a two-year course following the AQA syllabus and is assessed at the end of Year 13. Students continue to develop and deepen their communication skills, their understanding of grammatical structures, and culture and lifestyle in the German-speaking world.

In Year 12, they will study topics about changes in family life, Internet usage, fashion, the festivals and traditions, music and cinema.

In Year 13 they will study topics about diversity, young people and their involvement in politics, racism and issues surrounding immigration.

They will also study a film – 'Goodbye Lenin' by Wolfgang Becker, and a novel: 'Der Vorleser' by Bernhard Schlink.

A Level German Specification:

<https://www.aqa.org.uk/subjects/german/a-level/german-7662/specification>

Enrichment opportunities

We offer a wide and varied enrichment programme in the languages department.

We offer additional language teaching as after school clubs, currently Japanese, Spanish and Italian. At KS4 and KS5 we will have a study trip to Paris in October and a study trip to Berlin in February.

Useful links:

<https://learngerman.dw.com/de/langsam-gesprochene-nachrichten/s-60040332> Audio practice - news in slow German!

www.kerboodle.com - you will be registered with this in sixth form for extra audio, reading and grammar practice

<https://www.pasch-net.de/de/lernmaterial.html> Texts and audio by topic.

<https://podcasts.apple.com/gb/podcast/slow-german/id1085828103> Podcasts on different themes.

<https://www.20minutes.fr/> Short news articles

<https://www.newsinslowfrench.com/> Audio practice - news in slow French!

<https://www.hellofrenchpodcast.com/> A news article published every week with key words in English



Mathematics at Lady Lumley's

A Level Maths

The course develops skills in three areas of mathematics; pure maths, statistics and mechanics. Pure maths extends students' understanding of familiar topics such as coordinate geometry, trigonometry and algebra, whilst introducing new topics such as calculus. Statistics includes data handling and probability. Mechanics covers the study of forces and motion.

A Level Maths Specification

<https://qualifications.pearson.com/en/qualifications/edexcel-a-levels/mathematics-2017.html>

A Level Further Maths

The course develops skills in three areas of mathematics; pure maths, statistics and decision mathematics. Pure maths extends the core pure maths covered at A level, whilst introducing new topics such as complex numbers. Statistics also extends the concepts covered at A level, while decision maths studies algorithms and networks.

A Level Further Maths specification

<https://qualifications.pearson.com/en/qualifications/edexcel-a-levels/mathematics-2017.html#%2Ftab-AlevelFurtherMathematics>

Level 3 Core Maths

Core Maths is a relatively new type of qualification. It is designed for students who have passed GCSE Mathematics at grade 4 or above, but who have not chosen to study A level Mathematics. Students will learn some new topics, but it mostly involves maths they will have already used at GCSE level. Where it differs from GCSE is its focus on developing the skills students need to apply maths to the kinds of real-life problems they will meet in study, work and life. Core maths is studied over two years. It's equal in size to an AS level and is studied as a fourth subject.

Core maths specification

<https://qualifications.pearson.com/en/qualifications/edexcel-mathematics-in-context/mathematics-in-context.html>

Enrichment

Each year we enter students across all year groups for the UKMT individual challenges in Year 12 and 13, our Sixth Form students can take part in the Senior Maths Challenge.

Every Thursday after School we run a Key Stage 5 drop-in to support all Key Stage 5 mathematicians.

Useful Links

<https://amsp.org.uk/>



Media at Lady Lumley's

A Level Media Studies

Students will analyse how media products like TV programmes and music videos use images, sounds, language, and representations to create meaning. They will learn about the media industry and how the industry affects how media products are made. Investigating media audiences and exploring who the people are who watch, read and consume the products, is also an important part of the course which leads the students on to considering how different people might be affected by media products differently, and why. Students will study lots of different media forms, such as; television, online media, advertising and marketing, film marketing, magazines, newspapers, social and participatory media, music video, radio and video games

Students will explore and apply critical perspectives including those of world-renowned media and cultural theorists, and will examine how social, historical, political and economic contexts affect media production. Students will also have the opportunity to apply what they have learned through the production of their own media texts, exploring and creating media forms such as music videos, magazines, television, websites and film marketing.

A Level Media Specification:

https://www.eduqas.co.uk/qualifications/media-studies-as-a-level/#tab_overview

Useful Links:

<https://resources.eduqas.co.uk/Pages/ResourceByArgs.aspx?subId=20&lvlId=1>

<https://media.edusites.co.uk/>



Music at Lady Lumley's

A Level Music

Students learn how to analyse and interpret the elements at play within a diverse range of music pieces by honing their listening and identification skills. Students learn how to analyse by ear and from a score; dictate a section of music, and to write in depth about the musical elements and historical context in an extended essay. A level music involves written, analytical analysis, practical and creative skills and provides an abundance of essential key skills such as independence in learning, self-discipline in work and practise, working as a team/ensemble, performance skills, listening skills, self-confidence and creativity. A solid foundation in music theory will also compliment the course and students are encouraged to study to ABRSM Grade 5 Music Theory if they have not done this as part of their instrumental studies.

The A level course consists of 3 components:

Component 1: Listening and Appraising

Baroque Concerti (Vivaldi, Purcell, Bach)
The Operas of Mozart (Le Nozze di Figaro)
19th Century Piano Works (Chopin, Brahms and Grieg)
Music for Media (Zimmer, Newman, Uematsu, Giacchino, Herrmann)
Popular Music (Muse, Stevie Wonder, Daft Punk, Beyonce, Labrinth, Joni Mitchell)
20th Century Art Music (Shostakovich, Messiaen, MacMillan, Reich)

Component 2: Performance

Students must prepare a 10-minute recital on their instrument/voice with weekly instrumental or vocal specialist lessons provided by the school to support this learning.

Component 3: Composition

1 free composition
1 Bach chorale (pastiche composition)

A Level Music Specification:

<https://www.aqa.org.uk/subjects/music/a-level/music-7272/specification>

Enrichment

The Music Department offers a wide and varied enrichment programme, with ensembles and groups rehearsing after school and at lunchtimes. These ensembles perform in the concerts held throughout the year. These include; Jazz Band, *Voce* (Choir), *Stringendo* String Group, School of Rock, *WindStars* (NUVO Clarinet and Flute)Music Technology Club, GCSE/BTEC Bands, bookable band space, recording studio.

Useful Links

<https://alevelmusic.com/resources/>



Psychology at Lady Lumley's

A Level Psychology

Psychology helps to hone analytical and organisational skills and students learn about scientific research methods, including collecting and working with data. Learning about human behaviour can also help to build communication skills and improve teamwork and leadership skills. A level psychology aims to build students intellectual curiosity and develop a myriad of skills and qualities essential for the contemporary world. Psychology will draw on elements of biology, chemistry, mathematics, history and English.

The first year of A level psychology is based on students learning about the fundamental topics, theories, approaches and research methods. Students will learn through a variety of mediums and develop independence both in and outside of the classroom. The topics covered in Year 12 include memory, attachment, psychopathology (abnormality and mental disorder), approaches, research methods including descriptive statistics and foundations of biopsychology.

In Year 13 the emphasis is building on the students existing knowledge and skills in order to take it to the next level. Within this year, students will study topics that will challenge them and allow them to develop their powers of analysis and evaluation. The topics covered include issues and debates, schizophrenia, criminal psychology, relationships, advanced level biopsychology and more sophisticated research methods including inferential statistics. In Year 13 psychology students are now thinking like psychologists and will develop more sophisticated skills, qualities and levels of independence.

A Level Psychology Specification:

<https://www.aqa.org.uk/subjects/psychology/a-level/psychology-7182/specification>

Enrichment

Useful websites

<https://www.simplypsychology.org/a-level-psychology.html>

<https://studywise.co.uk/a-level-revision/psychology/>

<https://www.mooc-list.com/tags/psychology>

<https://www.psychologytoday.com/gb>

<https://www.youtube.com/channel/UCqqIPOTshm8EM8CCWkCy9Pg>



Science at Lady Lumley's

A Level Biology

Biology is the study of living organisms and their interactions with each other as well as their environment. In the UK some of the highest skills shortages are in Science, Technology, Engineering and Mathematics (STEM) and our curriculum is designed to develop scientific methodology and awareness of technology advances. The recognition of the value of biology in society has never been so important. After A-level Biology, students can go on to enjoy careers in fields such as medicine, engineering and research. Biology is studied as a full two-year A-level course, with all of the exams at the end of the 2 years of study.

A Level Biology Specification:

<https://www.aqa.org.uk/subjects/biology/a-level/biology-7402/specification>

A Level Chemistry

The chemistry curriculum develops the students' understanding of physical, inorganic and organic chemistry. A-level Chemistry teaches many transferable skills that are required for a vast range of careers. Teaching students' skills in critical thinking, problem solving, teamwork and organisation prepares students well for the next steps that await them. In the UK some of the highest skills shortages are in Science, Technology, Engineering and Mathematics (STEM). A-level Chemistry can lead to careers in medicine, engineering, research, pharmacology and law. Chemistry is studied as a full two-year A-level course with all of the exams at the end of the 2 years of study.

A Level Chemistry Specification:

<https://www.aqa.org.uk/subjects/chemistry/a-level/chemistry-7405/specification>

A Level Physics

Physics is the study of the universe from the smallest to the largest scales. It is also highly respected by universities as a course which gives an excellent grounding for those who wish to go onto to study scientific or engineering courses. A-level Physics also allows access to many other courses that are not science related as universities value the analytical and critical thinking skills that the subject study develops. Physics is studied as a full two-year A-level course with all of the exams at the end of the 2 years of study.

A Level Physics Specification:

<https://www.aqa.org.uk/subjects/physics/a-level/physics-7408/specification>

Enrichment

Events are organised to coincide with National Science Week. These include the annual Technology Challenge organised by local Rotary Clubs, which our students have achieved immense success in over many years. Science teachers are always available after school for help with homework and revision.

Useful Links

Physics:

<https://www.revisely.co.uk/alevel/physics/aqa/>

<http://hyperphysics.phy-astr.gsu.edu/hbase/hframe.html>

<https://pdg.lbl.gov/>

<https://www.iop.org/careers-physics>

<https://www.youtube.com/c/PhysicsOnline>

<https://www.youtube.com/watch?v=fMkctIXg8P0&list=PLGvD8d3gDHUXLkGHQShzTVsr0TZB7It2y>



Biology

<https://www.biozone.co.uk/biolinks/>

<https://www.newscientist.com/>

<https://missestruch.co.uk/>

<https://www.youtube.com/channel/UCN4caNO-iJ8-4jGB1W0do9w>

Chemistry

<https://www.chemguide.co.uk/>

<https://www.youtube.com/channel/UCPtWS4fCi25YHw5SPGdPz0g>

<https://www.youtube.com/channel/UCyl4QJXN9zNapzmKAn-fJgQ>



Sociology at Lady Lumley's

A Level Sociology

This course offers students the opportunity to develop knowledge and understanding of sociological thought and methods, together with a range of skills. Sociology is the study of human societies, in all sorts of contexts.

The A Level Sociology course consists of 3 components:

Component 1: Education with theory and methods. Students are expected to understand the role and functions of the education system, including its relationship to the economy and to class structure, differential educational achievement of social groups by social class, gender and ethnicity in contemporary society relationships and processes within schools.

Component 2: Families, households, mass media. Students are expected to be familiar with sociological explanations of the following content; the relationship of the family to the social structure and social change, with particular reference to the economy and to state policies, changing patterns of marriage, cohabitation, separation, divorce, childbearing and the life course, including the sociology of personal life. Students also study; the diversity of contemporary family and household, structures, gender roles, domestic labour and power relationships within the family in contemporary society, the nature of childhood, and changes in the status of children in the family and society demographic trends in the United Kingdom since 1900: birth rates, death rates, family size, life expectancy, ageing population, and migration and globalisation.

Component 3: Crime and deviance with theory and methods. Students will study crime, deviance, social order and social control, the social distribution of crime and deviance by ethnicity, gender and social class, including recent patterns and trends in crime, globalisation and crime in contemporary society; the media and crime; green crime; human rights and state crimes, crime control, surveillance, prevention and punishment, victims, and the role of the criminal justice system and other agencies.

A Level Sociology Specification

<https://www.aqa.org.uk/subjects/sociology/a-level/sociology-7192/specification>

Enrichment activities

OpenLearn courses, news articles & appropriate documentaries.

Useful Links

<https://www.tutor2u.net/sociology>



Sport at Lady Lumley's

BTEC Level 3 Extended Certificate in Sport.

The course will help students to develop a detailed insight into physiology, fitness training, performance analysis and its impact on you as a performer, you will also spend time planning a career for yourself within the sport sector. The course consists of 4 units over 2 years:

Unit 1: Anatomy and Physiology: The unit is exam based and covers 5 body systems and includes how they work and the short- and long-term impact exercise has on these systems. The systems are as follows - Skeletal, Muscular, Respiratory, Cardiovascular and Energy Systems.

Unit 7: Practical Sports Performance: This unit will be coursework and looks at the students' knowledge and practical ability in one team and one individual sport. It will focus on skills, techniques, and tactics, as well as reflecting on your own performance in comparison to that of an elite performer. Knowledge of rule and regulations will also be part of the coursework.

Unit 3: Professional Development in the Sports Industry: This unit will be coursework and helps the students to plan for a career in sport. Helping them to structure the next 10 years considering grades needed to access university, where they want to study, along with what extras they need to help them gain the job they desire. This unit also gives the students chance to be interviewed, which will then be analysed by them and their peers.

Unit 2: Fitness Training and Programming for Health, Sport and Well-being: This unit is assessed through an exam based around a fitness client, assessing their lifestyle and nutritional intake, making judgements and modifications that will enable the client to live a healthier lifestyle. Knowledge of various forms of training and client screening will enable a student to be successful in this unit.

Enrichment – takes place on a Wednesday period 5. This involves recreational sport and fixtures throughout the whole academic year. Inter tutor and house competitions will take place during this time.

Btec Level 3 Extended Diploma In Sport - Football Scholarship

Who is this qualification for?

The Extended Diploma in Sport is intended to be an Applied General qualification for post-16 learners wanting to continue their education through applied learning, and who aim to progress to higher education and ultimately to employment, possibly in the sports sector. The qualification is equivalent in size to three A Levels and has been designed as a full two-year programme.

What does this qualification cover?

The qualification provides the knowledge, understanding and skills that allow learners to gain experience of the sport sector that will prepare them for further study or training.

The course consists of 14 units. Ten mandatory units which are specified by the exam board and four optional units which are chosen based on the needs of the learners.



Mandatory Units:

- **Anatomy and Physiology (Exam)**
- **Fitness Training and Programming for Health, Sport and Well-Being (Exam)**
- Professional Development in the Sports Industry
- Sports Leadership
- Practical Sports Performance
- Coaching for Performance
- Research Methods in Sport
- **Development and Provision of Sport and Physical Activity (Exam)**
- **Investigating Business in Sport and the Active Leisure Industry (Exam)**
- Skill Acquisition in Sport

Optional Units:

- Application of Fitness Testing
- Sports Psychology
- Exercise, Health & Lifestyle
- Current Issues in Sport

Useful Links

<https://www.brianmac.co.uk/>

<https://www.bbc.co.uk/sport>

<https://www.teachpe.com/>